



सत्यमेव जयते

# The Gazette of India

PUBLISHED BY AUTHORITY

No. 19] NEW DELHI, SATURDAY, MAY 9, 1964 (VAISAKHA 19, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 9th May 1964

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 28th March 1964—

Page 127, column 1, under the heading "Cessation of Patents" delete the number "69579".

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 18th April 1964

93348. The Standard Batteries Limited. Improved plates for electric storage batteries and method of manufacturing the same.
93349. Etablissement Pasinvest. Bottle closure.
93350. Standard Telephones and Cables Limited. Improvements in automatic telephone systems.
93351. Standard Telephones and Cables Limited. System of selection for electric circuits and equipments. [Addition to No. 90456].
93352. British Berkefeld Filters Limited. Improvements relating to water bottles. (19th April 1963).
93353. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polymers and copolymers of cyclic acetals and process for preparing them.
93354. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Nucleosides of fluoropyrimidines and process for the manufacture thereof.
93355. Ciba Limited. Water-insoluble monoazo dyestuffs and processes for their manufacture.
93356. Ciba Limited. Processes for dyeing and printing polyolefines.
93357. Monsanto Company. Preserving rubber.
93358. M & T Chemicals Inc. Novel organotin compositions.
93359. M & T Chemicals Inc. Chemical product and process.
93360. M & T Chemicals Inc. Novel product and process.
93361. Minnesota Mining and Manufacturing Company. Reproduction system.
93362. United States Rubber Company. Improvements in chemicals.
93363. Kosmek Private Limited. Dispensing containers.

The 20th April 1964

93364. Shell Internationale Research Maatschappij N. V. Method for treating a permeable mass. (22nd April 1963). [Addition to No. 80532.]
93365. Shell Internationale Research Maatschappij N. V. Method for treating a permeable mass. (22nd April 1963). [Addition to No. 80532.]
93366. The Bendix Corporation. Improvements in or relating to a disc brake.
93367. Babcock & Wilcox Limited. Improvements in heat exchangers.
93368. Imperial Chemical Industries Limited. Coating process and composition. (26th April 1963).
93369. Pirelli General Cable Works Limited. Improvements in or relating to the application of thermosetting resins for purposes of insulation or protection.
93370. Pirelli General Cable Works Limited. Improvements in or relating to electric cable joints. (25th June 1963).
93371. Banerjee Chakraborty & Co. (Private) Limited. Improvements in or relating to process of and apparatus for blasting of articles.
93372. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Pigment dispersions for coloring viscose spinning masses.
93373. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. A process for the preparation of triazine compounds. (6th April 1964).
93374. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. A process for the preparation of diamino-monoazido-1,3,5-triazines. (3rd April 1964).
93375. Manning, Maxwell & Moore, Incorporated. Improvements in or relating to a condition responsive device.
93376. Engelhard Industries, Inc. Fuel cell.
93377. Vsesojuzny Nauchno-Issledovatel'sky Institute Antibiotikov. Strain producing blomycin, (aureomycin) and tetracycline.
93378. Spofa, Sdružení podniků pro zdravotnickou výrobu. Method of tetracycline isolation from fermented media.
93379. Bird & Co. (Private) Limited. Improvements in or relating to diaphragm operated valves.
93380. Socony Mobil Oil Company, Inc. Laminar thermoplastic structures and their preparation.
93381. Leeson Corporation. Improved fuel cell.

93382. J. P. Stevens & Co., Inc. Permanent deformation of cellulosic textiles.
93383. The International Nickel Company (Mond) Limited. Nickel-chromium alloys. (26th April 1963).
93384. The International Nickel Company (Mond) Limited. Nickel-chromium alloys. [Addition to No. 93383].
93385. Illinois Tool Works Inc. Semi-locking differentials.

*The 21st April 1964*

93386. P. L. Kumar. Pencil sharpener-cum-eraser.
93387. V. K. Sankhala. Improvements in or relating to an automatic device for sealing of ampules and method of sealing the same.
93388. Polymer Corporation Limited. Improved butyl rubber-polyolefine blends.
93389. M. Turner and N. S. Rutherford. Improvements in wideband magnetic recording systems. (22nd April 1963).
93390. M. Turner and N. S. Rutherford. Improvements in wide-band magnetic recording systems. (22nd April 1963).
93391. M. Turner and N. S. Rutherford. Improvements in wideband magnetic recording systems. (22nd April 1963).
93392. Allied Chemical Corporation. Fluorochloropropanes.
93393. Imperial Chemical Industries Limited. Improvements in or relating to finishing treatments of fabrics. (23rd April 1963).
93394. The English Electric Company Limited. Holder for electrical fuse. (23rd April 1963).
93395. "Shell" Research Limited. Improved lubricating oil compositions. [Addition to No. 83726]. [Divisional date 16th August 1962].
93396. Shalimar Industries Private Limited. Improvements in or relating to tips for shuttles.
93397. Johnson & Johnson. Absorbent product and method of making it.
93398. Ciba Limited. Process for the manufacture of new dyestuffs.
93399. Ciba Limited. Gelatinous preparations containing quaternary ammonium salt derivatives.
93400. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for purifying acetals.
93401. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of 4-alkyl-5-cyano-oxazoles.
93402. K. N. S. R. Reddy. Positive displacement sliding vane type pump with variable characteristics.

*The 22nd April 1964*

93403. Associated Electrical Industries Limited. Improvements in or relating to the insulation of cables. (23rd April 1963).
93404. Associated Electrical Industries Limited. Improvements in apparatus for winding flexible strip material upon a core especially a cable core. (23rd April 1963).
93405. Pakistan Council of Scientific and Industrial Research, Karachi, Pakistan. A process for manufacture of a pesticide from petroleum hydrocarbons. (14th January 1964).
93406. Shell Internationale Research Maatschappij N. V. Process for the preparation of elastomeric block copolymers.
93407. Dunlop Rubber Company Limited. Improvements in or relating to rubberised textile fabric and methods of manufacturing said fabric. (6th May 1963).
93408. Amchem Products, Inc. Method and apparatus for measuring fluoride activity.
93409. Chas. Pfizer & Co., Inc. Thioxanthenesulfonamides and preparation thereof. (20th September 1963).

93410. J. Lippes. Intra-uterine device.
93411. Ste Ame Cockerill-Ougree. Concrete reinforcements.
93412. Hygiene Research Unit Limited. Composition of matter.
93413. Sperry Rand Corporation. Signal translating device.
93414. Abbott Laboratories. Improvements in accelerating the lysis of blood clots.
93415. I. Marcovitch and J. Marcovitch. Profiling machines.
93416. Bristol-Banyu Research Institute, Ltd. Chemical process.
93417. Beecham Research Laboratories Limited. Penicillins. (23rd April 1963).
93418. Japan Agricultural Chemicals & Insecticides Co. Ltd. Herbicidal compositions (containing S-triazine derivatives) and methods for preparation thereof.
93419. La Telemecanique Electrique. A safety device for a connector box for electrical distribution bus bars.
93420. Chemcell (1963) Limited. Extrusion method and apparatus.
93421. F. W. Ruijs. A setting device to be operated by means of keys, destined for an adding or calculating machine, a cash-register or such like device.
93422. Novapax G.m.b.H. and Mefina S. A. Imperforate button of synthetic plastic material.
93423. Standard Telephones and Cables Limited. Microwave amplifier.
93424. Instituto Farmacologico Serson S.p.A. Method for preparing a therapeutically effective steroid.
93425. Sunil Kumar Mukherjee and Ravalgaon Sugar Farm Limited. Improvements in or relating to the screening of suspended materials from liquids.
93426. Chemokomplex Vegyipari Gep-Es Berendezes Export, Import Vallalat. Filter presses for separating solids from liquids.
93427. Brown, Boveri & Company Limited. A low temperature fuel cell combined with an energy store.
93428. Takeda Chemical Industries, Limited. New thiamine derivatives and the preparation thereof.
93429. J. T. Baker Chemical Company. Chemical process and products.
93430. J. T. Baker Chemical Company. Chemical compounds and preparation thereof.
93431. Owens-Corning Fiberglas Corporation. Reinforced protective pipe wrap material and method and apparatus of producing same and applying the material to pipe.

93432. Owens-Corning Fiberglas Corporation. Polyester composition.
93433. American Cyanamid Company. Trifluoromethylphenylalkyle-nediamines and a process for preparing the same.
93434. The Eimco Corporation. Filter apparatus.
93435. S. R. Modi. Electric warp-stop-motion type amco for jute, hemp, sisal and kenaf for all usual counts.
93436. S. R. Modi. Equitensioner attachment for weaving looms for uniform warp-tension.
93437. Texwell Private Limited. Mechanical driving clutch for smooth transmission of power as applicable to individually driven weaving looms.

*The 23rd April 1964*

93438. Davidson & Co., Limited. Improvements in or relating to radial vane control means for fans. (1st May 1963).
93439. Saxby Societe Anonyme. Electronic apparatus for measuring the deceleration of the movement of a body travelling along a path.

93440. Saxby Societe Anonyme. Electronic apparatus for the automatic control of retarders for railway shunting.
93441. Etablissement Salgad. Percussion detonator for projectiles.
93442. Kaken Kagaku Kabushiki Kaisha. Anti-cancer substance and the preparation thereof.
93443. Pomorska Odlewnia i Emaliernia Grudziadz. Improvements in or relating to non-return valve for submersible pumps.
93444. J. R. Geigy A. G. Process for the halogenation of phthalocyanines. (24th April 1963).
93445. J. R. Geigy A. G. Process to attain fast dyeings on polyamide material.
93446. Doulton & Co. Limited. Ceramic compositions. (10th June 1963).
93447. Rohm & Haas Company. Lubricants and fuels.
93448. Etablissements Pain bourgeois. Improvements in or relating to a method of manufacture of twisted yarn.

*The 24th April 1964*

93449. V. S. Vaidya. Improvements in or relating to the mechanical nut.
93450. A. L. Miller, H. W. Weller (Jr.), and R. S. Brown. Apparatus for cleaning textile fibres.
93451. Aziende Chimiche Riunite Angelini Francesco. 1-substituted 3-dialkylaminoalkoxy-indazoles, and a method for the preparation thereof.
93452. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzophenone derivatives.
93453. Corning Glass Works. Glass articles and method of making it.
93454. Texax-U.S. Chemical Company. Improvements in process for treating olefin monomers.
93455. Imperial Chemical Industries Limited. Anode assembly. (3rd May 1963).
93456. The Director, Indian Institute of Technology, Bombay. Improvements in and relating to the production of malleable iron castings.
93457. The Delhi Cloth & General Mills Co. Ltd. Improvements in or relating to driving, licker-in in cotton carding engine.
93458. The Director, Indian Institute of Technology, Bombay. Improvements in and relating to the production of spheroidal graphite iron.

#### Alteration of date

78685. Post-dated to 30th July 1962 under Section 5 of the Act.
80032. Post-dated to 29th October 1962 under Section 5 of the Act.
84781. The claim to priority date 4th November 1961 has been disallowed and the application dated as of 25th October 1962, the date of filing in India.
92703. Ante-dated to 21st July 1962 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

78685. VOG and Company. Improvements in or relating to wrist watch bracelets, straps or the like articles. Accepted on 20th April 1964.

*A pair of end pipe members adapted to slide within hollow link by pressing against a coil spring so that the hollow inner body of each end pipe member is adapted to receive and grip therebetween a telescopic pin fitted to projecting arms of wrist watch body.*

80032. W. H. J. D. Souza. An improved collapsible hood for bicycles and the like velocipede vehicles. Accepted on 18th April 1964.

*Consists of an inverted Y-shaped bracket adapted to be fitted on the horizontal frame, the upper end of the said bracket receiving an inverted L-shaped central frame including cross-members and canvass providing a hood for the bicycle.*

83349. Armour and Company. Emulsion of bituminous binder, for use in protecting against seepage and erosion liquid-containing systems. Accepted on 20th April 1964.

*Comprising a dispersed phase of asphalt in water and a compound from the group quaternary ammonium compounds, polyethoxylated quaternary ammonium compounds and acid salts of N-alkyl polymethylene diamines, N-alkyl polymethylene mono- and polyethoxylated diamines, amido-amines and heterocyclic amines.*

83412. Cable Covers Limited. Connectors for jointing wires, rods and the like. (25th July 1961). Accepted on 24th April 1964.

*Comprises a sleeve adapted to retain at least one tubular insert characterised in that the sleeve includes an extension which is adapted to be connected to an anchoring means and also strained.*

83444. Sunbeam Anti-Corrosives Limited and K. B. Webster. Improvements in or relating to metering and applying liquids to surfaces. (27th July 1961). Accepted on 22nd April 1964.

*A chamber containing a foam inducing material having a multiplicity of tortuous fine passages feeding at least one fluid, and applying foamed liquid from the chamber through an associated spraying device onto the surface.*

83498. F. R. Hannon & Sons, Inc. Vibrating screen. Accepted on 24th April 1964.

*The primary unit of a transformer being wound on an annular core and the barshaped secondary unit reaching into the wound core through the passage and being fixedly connected with the vibrating screen.*

83586. South African Farm Implement Manufacturers Limited. Improvements in or relating to disc harrows. (23rd August 1961). Accepted on 23rd April 1964.

*Comprises front, intermediate and rear components arranged so that gangs are caused to pivot gravitationally forwards into compacted positions when harrow is raised.*

83639. V. S. G. Ram. Improvements in and relating to overhead line switch mechanisms. Accepted on 18th April 1964.

*The fixed contact system of the switch is fixed to or made integral with the live metal part of insulator holding the main supply overhead line conductor.*

83640. V. S. G. Ram. Improvements in and relating to overhead line switch mechanisms. Accepted on 18th April 1964.

*The moving contact system is brought into or out of engagement by means of rotating motion about an axis which is co-axial or approximately co-axial with the main supply overhead line-conductor.*

83646. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the purification of caprolactam. Accepted on 23rd April 1964.
- Comprises one alkaline treatment of the crude caprolactam solution, followed by distillation, reduction of the distilled product and a final oxidation.*
83782. Preparation Industrielle Des Combustibles. Vibrating sieve. Accepted on 24th April 1964.
- In which two superposed screening surfaces are connected to the two arms mounted on a shaft supported on the central structure.*
83813. Dr. Ing. M. Mengerlinghausen. Truss joint or junction for frame rods. [Addition to No. 79103]. Accepted on 21st April 1964.
- A bore or opening is provided at the end of the frame-work and after inserting the threaded bolt into the bore, it is closed by a closing plug threaded at its outside to be screwed in the bore.*
83871. Union Tank Car Company. Waste products treatment apparatus. (27th March 1962). Accepted on 20th April 1964.
- Comprising a tank, baffle means within the tank to form a digestion basin, a settling basin and a clarified, liquid basin; a weir within the clarified liquid basin, means in the digestion basin for introducing a gas.*
84039. The English Electric Company Limited. Transformer device. (5th October 1961). Accepted on 22nd April 1964.
- The transformer is for producing first and second voltage signals respectively lagging and leading an alternating input current and comprises a primary winding, a secondary winding and means interconnecting the first terminal of the primary winding with the first terminal of the secondary winding.*
84430. Societe Alsacienne De Constructions Mecaniques. Improvements in and relating to the production of selvages on woven fabrics. Accepted on 18th April 1964.
- A weaving frame having a pair of oppositely reciprocable harness means having arrangement for supporting respective sheets of warp threads, means for cyclically shooting a pick and means for striking in said pick.*
84599. K. Eickmann. High-compression internal combustion engine of the rotary vane type. Accepted on 16th April 1964.
- Rotor vanes together with rotor side walls and casing ring defining and enclosing one or more work chambers with supplying means for a first medium of a relatively low viscosity and at least one second additional chamber system with second supplying means for higher viscosity.*
84611. United States Steel Corporation. Method of making container stock. Accepted on 24th April 1964.
- Cold-rolling low-carbon steel strip, applying a lacquer coating to at least one side of the strip thermally curing the lacquer coating and cold-rolling the coated strip to final gauge.*
84615. The English Electric Company Limited. Gas detecting apparatus. (19th October 1961). Accepted on 24th April 1964.
- Comprises an electric circuit arrangement responsive to the presence of a gas, a chassis, an enclosure, and a translucent portion for enabling illumination of the "gas present" warning lamp to be perceived externally of the enclosure means.*
84648. Rohm & Haas Company. Redox polymers. Accepted on 17th April 1964.
- Reacting in the presence of a Friedel-Craft reagent, a cross-linked polymer containing halomethylated aromatic radical with a quinone or hydroquinone.*
84657. The English Electric Company Limited. Improvements relating to electrical contact systems. (25th October 1961). Accepted on 18th April 1964.
- Includes a body member, a pair of contact members, an actuating member, first means mounted on the actuating member and second means to come in contact with contact member.*
84669. Braunschweigische Maschinenbauanstalt. Continuous centrifuge. Accepted on 18th April 1964.
- Conical centrifugal basket is composed of several partial baskets so as to form a zig-zag-shaped basket in axial section and that one or several collecting walls are arranged between said baskets.*
84701. Calumet & Hecla, Inc. Floating mandrel for flaring base tubing. Accepted on 20th April 1964.
- Comprises pilot section and a forming section disposed to the rear of pilot section which are mounted as unit for co-axial rotation relative to each other.*
84714. C. A. Subramaniam. Improvements in or relating to cleaning brushes. Accepted on 22nd April 1964.
- A body portion holding two series of brushes arranged in parallel to the sides of said body, brushes being rotatable on their axis.*
84721. J. R. Geigy A.-G. Process for the production of monoazo dyestuffs. Accepted on 22nd April 1964.
- Diazonium compound of a nitroaniline is coupled with substituted or unsubstituted 3-acetoacetylaminophenone.*
84722. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for the production of adipic acid from cyclohexanone containing substrate. Accepted on 22nd April 1964.
- A process for the production of adipic acid from cyclohexanone substrate which comprises contacting said substrate with molecular oxygen in an oxidation zone.*
84727. Ciba Limited. Shampoos. Accepted on 22nd April 1964.
- Containing a cationic compound containing quaternary nitrogen atom and a water soluble reaction product of an alcohol and ethylene oxide.*
84766. Clevite Corporation. A cyclicly operating piezoelectric voltage source. Accepted on 24th April 1964.
- Comprising means for stressing the piezoelectric element over a period of time which at least equal to but not less than the time constant of the circuit and then to relieve the stress in a period of time which is less than the time constant of the circuit.*
84779. Merz and McLellan Services Limited. Improvements relating to electric switchgear assemblies. (1st November 1961). Accepted on 24th April 1964.
- Includes for each phase two bus conductors on opposite sides of a longitudinal plane, and two sets of switchgear, one associated with each bus-conductor; the bus conductors being offset from one another.*
84781. Sperry Rand Corporation. Improvements in and relating to keyboard controlled machines. Accepted on 24th April 1964.
- Comprises a punching mechanism, a magnetic core matrix, means for reading said matrix column by column and output stepper means.*
84782. Babcock & Wilcox Limited. Improvements in or relating to tubes. Accepted on 23rd April 1964.
- Wherein set of reciprocating dies are employed to forge a tube from its initial form, in successive blows and progressively to its modified form.*

84783. Babcock & Wilcox Limited. Improvements in and relating to a method of forming stubs along a generatrix of a manifold and tool for carrying out such method. Accepted on 24th April 1964.

*Includes forming a tube of oval cross-section from an originally cylindrical one and operating stub.*

84836. (Mrs.) Beryl Alice Enid DePenning. Improvements in and relating to pipe couplings and pipe and stops. Accepted on 22nd April 1964.

*Comprises two parts attachable to the pipes, each part having inner and outer members extending from tapered mating faces, the outer member of one being adapted to interlock with inner member of the other on relative angular motion.*

84845. Battelle-Institut e.V. Process for production of papers and non-woven fabrics from synthetic fibres. Accepted on 18th April 1964.

*Characterized in that the fibres are mixed with a gliding medium and a binder and the fibre pulp is formed to a sheet, heated and gliding medium washed out.*

84870. Union Carbide Corporation. Process and apparatus for the polymerization of ethylene. Accepted on 24th April 1964.

*Polymerization takes place in a reactor, solid polyethylene product is collected in a product receiver wherein a physical parameter of each of a plurality of zone within the reactor is simultaneously sensed and solid polyethylene product is diverted from the product receiver when the physical parameter of any of the zones exceeds a predetermined level.*

84994. Ciba Limited. Process for optically brightening natural or synthetic fibrous materials. Accepted on 18th April 1964.

*The new bistriazinylaminostilbene compound or a salt thereof, is incorporated with, or fixed on the material.*

85014. Shell Internationale Research Maatschappij N. V. Process for the refining of light straight-run hydrocarbon oils. Accepted on 20th April 1964.

*Characterised in that a light hydrocarbon oil is introduced into a unit which is simultaneously used for the catalytic cracking of a heavier hydrocarbon oil having an initial boiling point higher than the final boiling point of light hydrocarbon oil.*

85023. E. Lawrence. A sterilising apparatus. Accepted on 22nd April 1964.

*Steam outlet of the boiler is connected to a coiled pipe, said coiled pipe being fitted below a sterilising chamber, the chamber with the coiled pipe being swingably mounted so that it can be moved away from the heating unit if desired.*

85040. Calumet & Hecla, Inc. Method and apparatus for forming ribbed metal tubes for heat transfer apparatus. Accepted on 18th April 1964.

*Wherein the external and internal surfaces of the tube are simultaneously worked with an outer ribbing tool comprising series of discs and internal mandrel with longitudinal mandrel.*

85041. Simon-Carves Limited. Improvements in and relating to the aeration of liquids. (8th January 1962). Accepted on 24th April 1964.

*Wherein the agitator and means to cause rotation are mounted on one end of an arm rotatable about a vertical pivot point located in an aeration container.*

85051. A. M. Industries. Improvements in relating to boxes. Accepted on 20th April 1964.

*Means for locking lid or cover consists of a screw having its head cylindrical in shape and having a plurality of holes drilled therearound for a wrench or screw-driver having co-operating pins to interengage the corresponding holes on the screw head to unscrew the said screw.*

85058. Shell Internationale Research Maatschappij N. V. Apparatus and process for the separation of at least substantially solid materials from a liquid suspension thereof. Accepted on 20th April 1964.

*Characterised by two surfaces lying one inside the other but not in contact with each other having at least parallel axes.*

85064. Aluminium Laboratories Limited. Method and apparatus for removing entrained solids from a gaseous stream. Accepted on 24th April 1964.

*Comprising an upright vessel provided with an outlet for the continuous removal of granular solid filter material at the bottom and thereof, a gas outlet towards the upper end of vessel a gas inlet conduit disposed centrally within vessel, and means for introducing granular filter material into vessel.*

85084. Sound Slides (Proprietary) Limited. Improvements in and relating to slide projectors and the like. Accepted on 21st April 1964.

*Including a magnetic recording medium on the cassette, a play-back head on the projector, means to move the medium past the head to reproduce information recorded on the medium and switching means operable by movement of the cassette into a projection position, to initiate the movement of the medium.*

85115. Sperry Rand Corporation. Assembly for maintaining magnetic recording head. Accepted on 24th April 1964.

*Comprising means for mounting the recording head the support member having a loading arm attached to it.*

85117. Aktiebolaget Bofors. Device for conveying cartridges to a gun. Accepted on 18th April 1964.

*A sled comprised in the hoisting device and guided along the channel intended to act against the flange of the cartridge with a lug projecting into the channel.*

85156. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of new coumaric compounds and fibres, threads and foils brightened therewith. (20th August 1962). Accepted on 20th April 1964.

*An aromatic aldehyde carrying an O-hydroxyl group or a substitution product thereof is reacted with a 5- or 6-membered heterocyclic compound which contains at least one N atom in the ring and carries the radical of acetic acid or its functional derivatives, and if desired the product is quaternated.*

85209. Inflight Motion Pictures, Inc. Film tension regulating device. (1st March 1962). Accepted on 20th April 1964.

*Comprising a tension sensing arm, resilient biasing means attached to arm, arm being movable against resilient biasing means upon increasing tension of film, a second arm movably and independently connected with respect to tension sensing arm, stop means limiting movement of second arm toward tension arm, stop means on tension arm for contacting second arm, an electric drive motor, means connecting drive motor and reel for causing reel to take up film from the projector, a motor circuit, and variable resistance means.*

85210. Girling Limited. Improvements in braking systems for vehicles. (9th January 1962). Accepted on 20th April 1964.
- The pedal being movable angularly about one axis for applying the brakes and about the other axis for causing a force applied to the pedal to be transmitted to the brakes on wheels on either or both sides of the vehicle.*
85211. Girling Limited. Improvements in disc brakes. (23rd November 1961). Accepted on 22nd April 1964.
- Wherein the friction pads are mounted on a torque taking member and are applied to the disc by damping member mounted on the torque taking member independently of the pads.*
85228. Imperial Chemical Industries Limited. Preparation of polymeric materials. (28th November 1961). Accepted on 20th April 1964.
- Comprises interacting at least one poly-hydroxy, aminohydroxy or polyamino compound and at least one carbamic ester.*
85230. United States Steel Corporation. Method of producing steel products with improved properties. Accepted on 20th April 1964.
- Comprising heating to austenitize products, quenching to obtain a martensitic structure and drastically cold reducing and then tempering to produce ductility and strength.*
85233. Societe Des Accumulateurs Fixes Et De Traction. Improvements in or relating to the methods of manufacturing sealed electrical storage batteries and electrolytic cells, and products obtained therefrom. Accepted on 18th April 1964.
- One of the electrodes receives a charge preliminary to the fluid-tight closing of the storage battery, said method being characterized in the selection of the precharge quantity  $P$  and the total capacities  $C_1$  and  $C_2$  of the two electrodes.*
85248. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Improvements in or relating to spinnerets for the production of composite threads. (31st October 1962). Accepted on 22nd April 1964.
- Wherein an insert member is provided in the spinneret plate to permit the spinning composition to be united only within the outlet apertures.*
85257. Sunbeam Corporation. Hair drier improvements. Accepted on 21st April 1964.
- Includes a plurality of manifold-to-hair air distributing apertures being formed in the inner sheet, while the forward and side portions and two nested sheets are heat seamed together.*
85295. Boehringer Ingelheim Limited. Process for the Preparation of derivatives of thiophosphoric acid and compositions containing such derivatives. Accepted on 23rd April 1964.
- Reacting an alkali metal salt of 4-bromo-2, 5-dichlorophenol with a thiophosphoric halide.*
85321. Sperry Rand Corporation. Electronic circuit for performing logic functions. Accepted on 24th April 1964.
- A primary winding of said transformer is connected to the input means and secondary winding is connected to the funnel diode.*
85343. U. V. V. Rao. An electronic burglar alarm. Accepted on 21st April 1964.
- Includes an audio amplifying valve, the cathode and grid of said valve being connected to the required articles, wherein output valves are coupled to a further valve by a set of push-pull output transformers.*
85348. A. Prasad. Men counting machine for factories and offices. Accepted on 24th April 1964.
- Consists of a cubical box with two compartments viz, a treading compartment with spring actuated lid and a counting compartment with counting device consisting of a ratched wheel which is adapted to be actuated by a device connecting the ratched wheel with spring means inside the treading compartment, wherein the connecting device consists of horizontal rod.*
85360. Beloit Corporation. Improvements in or relating to fourdriver paper machine. Accepted on 24th April 1964.
- Comprises a travelling fourdriver wire, head box for stock depositing and different suction applying means at different lateral locations beneath the wire.*
85371. Polymer Corporation Limited. Method for the removal of catalyst residues from solutions of olefin polymers. (5th December 1961). Accepted on 24th April 1964.
- Comprises treating the mixture with a solution in a water soluble monohydric alcohol containing from 1 to 6 carbon atoms of an acid which yields water-soluble reaction products with catalyst residues.*
85387. Technifoam Corporation. Method and apparatus for continuously coating an advancing sheet of backing material with a plastic foam. Accepted on 20th April 1964.
- Characterised by advancing the coated sheet through a metering zone in which a compressed gas is directed towards the coating in a direction opposite to that of the advancing sheet.*
85426. Hobbs Transmission Limited. Friction clutches. (29th December 1961). Accepted on 22nd April 1964.
- Has a rotary housing enclosing friction elements, a pressure space in said housing for receiving fluid under pressure for engaging said elements, a movable valve member controlling communication of fluid pressure from said space to exhaust and entry of fluid pressure.*
85430. Licentia Patent-Verwaltungs-G.m.b.H. Synchronous machine cooled with hydrogen gas and excited without brush through semiconductor rectifiers rotating with the machine. Accepted on 18th April 1964.
- The access space for the rectifier elements can be separated as partial space from the main space of the machine by gas tight seal.*
85442. R. A. Silk. Improvements in or relating to cartons. Accepted on 24th April 1964.
- Characterized in that the length of two closure flaps exceeds the corresponding dimension of the opening, the said flaps being arranged to inwardly beyond the opening to engage each other by their end edges.*
85456. Imperial Chemical Industries Limited. Improvements in and relating to the production of thermoplastic polymeric materials. (8th December 1961). Accepted on 20th April 1964.
- Methyls methacrylate alone or in mixture with another monoethylenically unsaturated monomer is maintained as a dispersion by stirring in an aqueous phase containing a dispersing agent.*
85546. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Aqueous composition and process for fixing pigments on fibrous materials. [Addition to No. 60228]. Accepted on 20th April 1964.
- Comprises (i) a pigment, (ii) an alkali-soluble condensation product of a polybasic carboxylic acid and a polyhydric aliphatic alcohol and (iii) an N-(dialkylene imido phosphoryl)-urea.*

85602. G. Pinazza. A device for mechanically actuating percussion tools. Accepted on 23rd April 1964.

*At least one of the revolving members included in the kinematic chain communicating motion from the motor to the rotating eccentric masses comprises a fly wheel mass to prevent dynamic action being transmitted to the motor.*

85609. La Telemecanique Electrique. Improvements in or relating to electrical supply distribution equipment. Accepted on 18th April 1964.

*Comprises a plurality of generally straight conduit sections and includes interengageable means adjacent the ends of conduit sections providing a dissymmetry as between opposite sides of longitudinal mid-plane of conduit sections.*

85627. Ganz-Mavag Mozdony-, Vagon-Es Gepgyar-Multi-stage pressure regulators for compressors. Accepted on 20th April 1964.

*A piston is provided in the axial centre line of a pressure regulator chamber, the upper extremity of said piston serving for supporting a main weight as well as main spare weights and spare weights.*

85648. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to solid electrolytic wound capacitors. Accepted on 21st April 1964.

*The anode foil, together with a cathode foil of copper, a copper alloy or stainless steel, and a separator material intermediate between said foils, impregnated with a semi-conductive metal oxide is wound to form the wound capacitor.*

85658. W. S. Bomba. Hydraulic cutting blades for stone sawing machines. Accepted on 20th April 1964.

*A closed water passageway within the blade body and co-extensive with the cutting edge portion, elongated stone cutting segments fixed in end-to-end spaced relation along the cutting edge portion, means for supplying water to the passageway.*

85672. J. C. Fernandes and N. E. Fernandes. Improvements in or relating to a flushing apparatus for a lavatory, urinal or the like sanitary purpose. Accepted on 24th April 1964.

*Characterised in that means for adjusting flow of liquid through the outlet is provided at the top of the upper chamber and comprises a cap having a spindle projecting downwards from the inner wall of the crown of said cap.*

85680. Imperial Chemical Industries Limited. Aftertreatment of dyed fibres. (22nd December 1961). Accepted on 22nd April 1964.

*By treating metallisable dyeing on polyolefinic and polyacetal fibres containing zinc, calcium, magnesium or aluminium compounds with a chromium, cobalt, nickel or copper complex of a chelating agent.*

85713. Babcock & Wilcox Limited. Improvements in fluid heater cleaners. (21st December 1961). Accepted on 20th April 1964.

*Nozzle tube capable of being advanced from and withdrawn to a retracted position, flexible driving means extending in the direction of reciprocation of and coupled with a nozzle tube and emergency stopping means.*

85756. Sperry Rand Corporation. Conveyor assembly for conveyor driven equipment. Accepted on 18th April 1964.

*Characterized by each a second pair of straddling link connected in zig zag fashion to the first pair of straddling links and having a common pivot which during linear motions of the bin is engaged in a respective bracket of the carrier bin, but is disengageable from bracket during non-linear motions of the carrier bin.*

85868. Imperial Chemical Industries (India) Private Limited. The production of thermoplastic extrudates with coloured stripes. Accepted on 23rd April 1964.

*Comprising extruding simultaneously a coloured material through the same orifice from which main stream of the thermoplastic is extruded.*

85876. General Electric Company. Round panel lamp phosphor coating. Accepted on 18th April 1964.

*The method comprises the steps of supporting the plate horizontally, flooding the surface thereof with an excess of phosphor suspension, and spinning the plate to throw off the excess phosphor suspension by radial flow.*

85879. Clevite Corporation. Bearing material. Accepted on 23rd April 1964.

*A metal backing member, at least one layer of bearing metal adhered to said backing member including an overlay layer of bearing material not over about .005" thick and superimposed on and adhered to said at least one layer of bearing material a micro-overlay layer of metal having at least about 75% zinc and being of a thickness between about .0005 and .00010".*

85897. B. Singh. Improved type lamp resistance box. Accepted on 18th April 1964.

*Comprises a box with a cover, said cover being made in sections hinged to each other, one of the sections being secured by bolts to the body of the box and the other sections secured to the body by bolts which can be opened by a special key.*

85898. B. Singh. Improved mounting panel for train lighting switch gear. Accepted on 18th April 1964.

*Provided with fixing holes drilled for the switch gear assemblies for mounting the said assemblies directly by bolts, holes for studs for electrical connection, said bolts being larger in diameter than the studs to have an air space insulation allround.*

85940. Sperry Rand Corporation. Transducer mounting for use with a recording medium. Accepted on 20th April 1964.

*The transducer mounting is equipped with a further reaction surface to create further reaction force.*

85963. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to compositions for combating arthropoda. Accepted on 20th April 1964.

*Comprising 0.01 to 50% of a compound of the formula  $\text{ROCSS CH}_2\text{C}_6\text{H}_5$  ( $\text{R}=\text{alkyl}$  or an alkoxyalkylene group) in admixture with a carrier.*

85966. Cable Covers Limited. Compression connectors for joining or terminating wires, rods and other suitable members. (9th January 1962). Accepted on 18th April 1964.

*Comprises an outer sleeve or shell having an axial bore or bores of at least two different diameters each bore adapted to accommodate a tubular insert of corresponding diameter for receiving the ends of paredback cored conductors, wires, rods or like members to be joined.*

85970. Deering Milliken Research Corporation. Drafting apron-guiding and clearing assembly. Accepted on 20th April 1964.

*Comprising a pair of apron-guiding and roll-engaging elements, one of said elements having a pair of side ears extending therefrom and laterally enveloping an adjacent portion of the other of said elements and means for connecting said elements through said ears.*



86062. Koppers Company, Inc. Improvements in or relating to a process and apparatus for melting hydrate crystals. Accepted on 20th April 1964.
- Comprising the steps of dispersing the solid hydrate in potable water in a first vessel at a temperature and pressure promoting decomposition of the hydrate into potable water and gaseous hydrate forming material and recirculating the warmed potable water in the second vessel to the first vessel for effecting additional hydrate decomposition.*
86105. Sperry Rand Corporation. Electric motor operated device. Accepted on 18th April 1964.
- Includes a rechargeable battery, a D.C. power pack connectable to an A.C. current source, a resistor for recharging the battery; wherein a single-pole two-way switch having an open mid position is arranged for alternatively connecting a D.C. driving motor either to the battery or to the power pack.*
86106. Compagnie Electro-Mecanique. Improvement to the armature of electrical machines having a flat axial air gap and lamellar windings. Accepted on 18th April 1964.
- One half at the most of the conductors of one face of the winding are used to form a switching track adjacent the inner edge of the disc.*
86193. A. Reyrolle & Company Limited. Improvements relating to high voltage insulation and insulating components. [Addition to No. 75859]. Accepted on 18th April 1964.
- Improvement in Indian Specification No. 75859 wherein one or more electrically conducting inserts are mounted on a selected layer or interposed between selected adjacent layers.*
86210. M. M. Nanavati. Improvements in or relating to storage batteries, in particular to floats used therein. Accepted on 21st April 1964.
- Comprises a sealed hollow float chamber having an integral co-axial upwardly extending tubular stem, marked to indicate predetermined levels of the electrolyte and a cap fitted with the open upper end of the stem.*
86225. Standard Telephones and Cables Limited. Improvements in or relating to phase meters. (15th February 1962). Accepted on 21st April 1964.
- The meter is adapted to produce one pulse for each full cycle of each of two alternating voltages of substantially equal frequency, wherein a bi-stable device in one state provides an electrical output whose mean value is representative of the phase relation between said two alternating voltages.*
86237. Westinghouse Electric Corporation. Improvements in or relating to terminal connector. Accepted on 21st April 1964.
- Comprises a wheel including a disc-shaped portion of insulating material, a central portion having a threaded axial bore, and a salient radial surface, said wheel having a diameter sufficiently small to prevent the application, by hands, of torque exceeding a predetermined value.*
86323. Metallurgical Processes Limited and The National Smelting Company Limited. Improvements in or relating to molecular distillation from a falling film of molten metal. (21st February 1962). Accepted on 24th April 1964.
- The movement of the liquid is so controlled that it flows over the top of the spreader means with a transverse component to its motion.*
86335. Eaton Manufacturing Company. Electromagnetic coupling apparatus. Accepted on 21st April 1964.
- A first ring means is connected with the pole members for rotation therewith and extends around the second shaft in spaced relation thereto, and a second ring means is connected with said field member surrounding said coil means and surrounding and opposed to said first ring means.*
86407. Ribsan S. A. R. L. Cocks for fluids. Accepted on 24th April 1964.
- Characterized in that the deformable sleeve comprises a friction reducing internal element and an external closure element applied to the outer surface of said internal element and made of highly flexible material.*
86442. Farbenfabriken Bayer Aktiengesellschaft. A process for the hydrogenation of hydrocarbons in the gasoline boiling point range. (4th December 1962). Accepted on 18th April 1964.
- Hydrogenating in first step over noble metal catalyst at below 100°C and then in second step at 125-250°C hydrocarbon trickling as liquid over catalyst.*
86517. Ciba Limited. New water-insoluble anthraquinone dyestuffs, process for their manufacture, and printing or dyeing fibrous material therewith. Accepted on 21st April 1964.
- A 1-amino-anthraquinone that contains a carboxylic acid (N-ortho-hydroxyphenyl)-amide group or a carboxylic acid (N-ortho-mercapto-phenyl) amide group in 2-position and a halogenation in 4-position is reacted with an agent that brings about ring closure.*
86554. Standard Telephones and Cables Limited. Radio beacon and radio navigation system comprising same. (19th February 1962). Accepted on 22nd April 1964.
- Including means to energise the antennae singly and cyclically from a first source of waves, means operative on the energisation reaching a position in its cycle unoccupied by an antenna to energise the antenna diametrically opposite that position from a second source of waves and means to energise a further antenna at the centre of the circle from a third source of waves.*
86563. Worthington Corporation. Flexible coupling for closely spaced axially aligned shafts. Accepted on 18th April 1964.
- Includes epicyclic gear train engaging a first of the aligned shafts, said train includes a plurality of star gears spaced radially equidistantly outward of said shaft, a ring gear surrounding said star gears in meshed engagement therewith.*
86568. Imperial Chemical Industries Limited. Process for the separation of 4:4'-Bipyridyl from a mixture containing it. (27th February 1962). Accepted on 21st April 1964.
- Treating the mixture with water to form 4:4'-bipyridyl hydrate and separating the hydrate.*
86611. Imperial Chemical Industries Limited. Process for the purification of bipyridyls. (27th February 1962). Accepted on 20th April 1964.
- Comprises the steps of contacting an impure bipyridyl with water and a substantially water-immiscible organic solvent and separating the organic solvent phase.*
86648. Textron Industries, Inc. Thread-forming members having lubricant-carrying grooves and method of manufacture. Accepted on 24th April 1964.
- Includes a shank portion with a thread formation provided with concave depressions in the crest and a tapered work-entering end portion.*
86668. The Director, Technological Research Laboratories, Indian Central Jute Committee, Calcutta. Pulping of jute or mesta sticks for box-board. Accepted on 24th April 1964.
- Consists in digesting air-dry sticks with 3-7% lime at a pressure of 65 lb./sq. inch for 4 hours, then washing with water and refining in a disc refiner.*



86736. National Rubber Manufacturers Ltd. Improvements in or relating to vacuum brake hoses. Accepted on 23rd April 1964.

*Contains a helical coil of rough galvanised steel wire with one ply of rubberised fabric having a coating of rubber composition and a rubber lining which may be strengthened with one ply up to a suitable length.*

86783. Dunlop Rubber Company Limited. Improvements relating to the preparation of polyurethane-prepolymer-containing mixtures and resilient polyurethane foams. Accepted on 21st April 1964.

*Reacting an organic compound with at least two —NCO or —NCS groups in its molecule and an organic compound with at least two isocyanate-reactive groupings in the molecule without the application of extraneous heat and without the employment of a catalyst.*

86842. Stamicarbon N. V. Process for separating, melamine from hot, melamine-containing gas mixtures. Accepted on 24th April 1964.

*Process for recovering melamine from a hot, melamine-containing gas mixture which besides melamine, contains mainly ammonia and carbon dioxide is characterised in that the gas mixture is cooled in direct contact with water in a cooling zone and the melamine separates from the gas mixture and is discharged from the cooling zone.*

86967. Carrier Engineering Company Limited. Improvements in or relating to spinning frames. (16th March 1962). Accepted on 22nd April 1964.

*Suction means mounted underneath the lower front roller of the drafting gear so as to provide a suction orifice under the path of travel of each thread.*

87018. The Dow Chemical Company. Laminated lustrous products and method of making. Accepted on 23rd April 1964.

*Comprises vapor depositing a metallic layer on at least one side of a plastic film, bonding in lamination a plastic layer to the metallized surface and optionally slitting the film laminate into ribbons or tapes, rolling the ribbons into threads in which process vapor deposited layer is comprises of tin.*

87027. J. M. Huber Corporation. Clay bleaching. Accepted on 20th April 1964.

*Comprises treating the clay with a reducing agent and a water-soluble polyfunctional organic compound which forms a chelate with iron.*

87050. O. J. Roy, E. J. Nicholls, G. C. Whyte, C. C. S. Lumsdaine, P. H. Williamson and R. B. Magor. Improvements in tea fermenting machines. Accepted on 24th April 1964.

*A tea fermenting machine comprises means for forcing air under pressure and at the desired temperature and humidity up through the stacked leaf for the oxidation of tea leaf during fermentation.*

87244. Shell Internationale Research Maatschappij N. V. Apparatus and process for bringing two or more phases into intimate contact with each other. Accepted on 20th April 1964.

*A cylindrical housing having a rotor, the inner wall of the housing provided with annular stators wherein the rotor has a cylindrical effective surface.*

87299. C.A.V. Limited. Liquid fuel pumps. Accepted on 24th April 1964.

*Having in combination a cylinder, a shuttle axially movable in the cylinder, passages in the distributor and means for controlling the amount of fuel flowing to and/or from other end of the cylinder.*

87345. Lansing Bagnall Limited. Improvements in or relating to fork and like load-lifting trucks. (13th April 1962). Accepted on 24th April 1964.

*In a truck with a mast and a lifting carriage thereon, the provision on the carriage of a turntable overhanging from the mast, guide means for a horizontally movable reach carriage on the turntable and a load lifting device depending from said guide means toward the ground.*

87435. Council of Scientific and Industrial Research. Dyeing of wool, hair and other keratinous fibres into a fast non-bleeding jet black shade. Accepted on 22nd April 1964.

*By subjecting wool and the like fibres are treated with a solution containing ferrous sulphate and sodium hydrosulphite, then treated with babul, goran or any other catechol type of tanning material and then finally with an emulsion of sulphated oil mineral oil and non-ionic sulphated fatty alcohol.*

88164. AMP Incorporated. Improvements in or relating to lamp housings for panel mounting. Accepted on 18th April 1964.

*Comprises a tubular insulating housing for accommodating a lamp, a transparent or translucent closure at one end of the housing and the other end being formed with passageways for accommodating connections to the lamp.*

89387. Teijin Limited. Process for producing caustic soda and chlorine. Accepted on 21st April 1964.

*Comprising partitioning an electrolytic cell into an anode compartment and a cathode compartment by an anion permselective membrane and effecting electrolysis by filling anode compartment with con. solution of metal chloride and feeding cathode compartment a saline water.*

92703. Rohm & Hass Company. Improvements in or relating a process for the preparation of polycarbamides. [Divisional date 21st July 1962]. Accepted on 21st April 1964.

*Comprises subjecting to polymerization in an aqueous liquid as a continuous phase a reaction mixture of urea, aliphatic polyamine containing non-tertiary amine groups and solid articles of preformed polymer dispersed in continuous aqueous phase.*

#### Opposition Proceedings

An opposition has been entered by Everest Refrigerants Limited to the grant of a patent on application No. 84447, made by S. C. Johnson & Son, Inc.

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

72627. 74226. 74256. 74290. 74291. 74309. 74310. 74313. 74323. 74328. 74344. 74345. 74364. 74365. 74366. 74371. 74545. 74663. 74856. 74904. 75198. 75219. 75298. 75543. 75568. 75577. 75582. 75592. 75593. 75594. 75605. 75611. 75614. 75616. 75623. 75645. 75671. 75672. 75678. 75690. 75704. 75707. 75723. 75742. 75787. 75790. 75810. 75814. 75816. 75941. 75951. 75965. 76004. 76158. 76162. 76198. 76298. 76340. 76496. 76509. 76588. 76609. 76612. 76675. 76943. 77071. 77181. 77239. 77327. 77338. 77418. 77419. 77420. 77595. 77643. 77775. 77992. 78296. 79059. 79192. 79240. 79288. 79309. 79526. 82381.

#### Patents Sealed

74750. 78366. 79064. 79191. 79408. 79409. 79472. 79481. 79483. 79493. 79532. 79535. 79587. 79597. 79612. 79729. 80025. 80055. 80133. 80143. 80360. 80543. 80563. 80564. 80614. 80717. 80742. 80762. 80799. 80833. 80835. 80897. 80925. 80940. 81015. 81034. 81051. 81068. 81092. 81107. 81124. 81144. 81151. 81173. 81185. 81217. 81264. 81307. 81317.

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 81348. | 81370. | 81470. | 81515. | 81520. | 81525. | 81546. |
| 81549. | 81611. | 81633. | 81708. | 81726. | 81730. | 81853. |
| 81890. | 81926. | 81984. | 82003. | 82004. | 82005. | 82007. |
| 82017. | 82049. | 82060. | 82070. | 82075. | 82086. | 82096. |
| 82106. | 82124. | 82168. | 82223. | 82248. | 82249. | 82265. |
| 82412. | 82474. | 82568. | 82696. | 82713. | 82739. | 82906. |
| 83015. | 83030. | 83035. | 83064. | 83084. | 83152. | 83378. |
| 83439. | 83554. | 83673. | 83680. | 83818. | 83892. | 84032. |
| 84101. | 84126. | 84146. | 84660. | 84860. | 88786. |        |

**Amendment Proceedings**

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that The Cotton Silk And Man Made Fibres Research Association, a British Association, of Shireley Institute, Didsbury, Manchester 20, in the Country of Lancaster, England, seek leave to amend the description in the specification in respect of Patent application No. 78022. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, given notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by United Carbon Company, in respect of Patent application No. 80540 as advertised in the Gazette of India Part III, Section 2 dated the 11th January 1964 has been allowed.

**Renewal Fees Paid**

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 41871. | 43155. | 43324. | 43454. | 43457. | 44314. | 44374. |
| 44787. | 44894. | 45033. | 45095. | 45102. | 45103. | 45156. |
| 45161. | 45162. | 45230. | 45293. | 45394. | 46156. | 46606. |
| 47022. | 47023. | 47216. | 47217. | 47266. | 47281. | 47550. |
| 48266. | 48413. | 49060. | 49131. | 49188. | 49376. | 49506. |
| 49537. | 49542. | 49545. | 49553. | 49588. | 49632. | 49633. |
| 49644. | 49789. | 49850. | 49861. | 49862. | 51613. | 51787. |
| 51799. | 51864. | 51882. | 51920. | 51990. | 52025. | 52026. |
| 52041. | 52082. | 52185. | 52188. | 52624. | 54314. | 54447. |
| 54462. | 54548. | 54549. | 54550. | 54663. | 54789. | 54975. |
| 54977. | 55027. | 55101. | 55102. | 55195. | 55196. | 55373. |
| 55579. | 56667. | 56668. | 57184. | 57208. | 57213. | 57250. |
| 57264. | 57266. | 57300. | 57324. | 57336. | 57337. | 57342. |
| 57397. | 57447. | 57451. | 57455. | 57585. | 57653. | 57736. |
| 57737. | 57738. | 57789. | 57904. | 57978. | 57981. | 58381. |
| 58716. | 59426. | 59769. | 60114. | 60353. | 60410. | 60421. |
| 60441. | 60483. | 60532. | 60534. | 60541. | 60558. | 60568. |
| 60569. | 60582. | 60650. | 60656. | 61001. | 61049. | 61067. |
| 61103. | 62042. | 62773. | 62934. | 63844. | 63851. | 63961. |
| 63966. | 63979. | 63980. | 63986. | 63987. | 63991. | 64016. |
| 64071. | 64082. | 64087. | 64089. | 64103. | 64144. | 64148. |
| 64185. | 64209. | 64339. | 64344. | 64387. | 64413. | 64623. |
| 63641. | 64734. | 64743. | 64895. | 65252. | 66751. | 66793. |
| 67120. | 67393. | 67494. | 67511. | 67514. | 67557. | 67570. |
| 67586. | 67599. | 67602. | 67603. | 67604. | 67609. | 67646. |
| 67669. | 67681. | 67706. | 67707. | 67733. | 67735. | 67750. |
| 67753. | 67772. | 67813. | 67814. | 67815. | 67817. | 67819. |
| 67903. | 68125. | 68138. | 68175. | 68197. | 68218. | 68267. |
| 68290. | 68333. | 68456. | 68704. | 68805. | 69579. | 69828. |
| 70017. | 70270. | 70410. | 70492. | 70750. | 70751. | 70752. |
| 70766. | 70768. | 70769. | 70770. | 70771. | 70772. | 71138. |
| 71309. | 71428. | 71445. | 71461. | 71519. | 71647. | 71649. |
| 71670. | 71678. | 71680. | 71681. | 71699. | 71741. | 71768. |
| 71774. | 71786. | 71789. | 71792. | 71802. | 71805. | 71806. |
| 71810. | 71825. | 71840. | 71843. | 71849. | 71860. | 71869. |
| 71877. | 71894. | 71900. | 71905. | 71911. | 71913. | 71922. |
| 71936. | 71939. | 71956. | 71959. | 71962. | 71966. | 72042. |
| 72194. | 72217. | 72228. | 72323. | 72329. | 72362. | 72364. |
| 72510. | 72617. | 72636. | 72681. | 72718. | 72764. | 72777. |
| 73130. | 73673. | 74152. | 76320. | 76382. | 76383. | 76441. |
| 76487. | 76509. | 76639. | 76999. | 77882. | 78018. | 78019. |
| 78955. |        |        |        |        |        |        |

**Cessation of Patents**

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 41701. | 42470. | 44308. | 44338. | 46427. | 50105. | 51299. |
| 53389. | 53401. | 53418. | 56149. | 56171. | 59092. | 59229. |
| 59230. | 62664. | 62668. | 62695. | 62732. | 66220. | 66221. |
| 66222. | 66223. | 66247. | 70124. | 70131. | 70132. | 70140. |
| 70148. | 70153. | 70154. | 70156. | 70163. | 70171. | 70172. |
| 70176. | 70178. | 70183. | 70187. | 70419. | 71460. |        |

**Restoration Proceedings**

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

*Mo. 59886—Cap. A. N. D'Silva*

The patent ceased on the 12th December 1962, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 20th July 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 20th June 1964.

(2)

An Order has been made on the 8th April 1964, restoring the Patent No. 52344 dated as of the 16th July 1954 granted to V. B. Chipalkatti, C. R. Das and K. V. Datye for "a process for retarding the degradation of cellulose in the acid treatment of textiles".

(3)

An Order has been made on the 21st April 1964, restoring the Patent No. 60558 dated as of the 20th May 1957, granted to Sri Ram Institute for Industrial Research for "improvements in or relating to curing catalyst composition for the treatment of textile materials with aminoplast resins".

(4)

An Order has been made on the 20th April 1964, restoring the Patent No. 66751 dated as of the 16th February 1959, granted to Ajax Magnethermic Corporation for "feeding device for induction heating furnace".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 120150. Pradip Jivanlal Kinariwala, an Indian National, Raja Mehta's Street, Kalupur, Ahmedabad-1, Gujarat State, "Stainless steel sleeves," November 11, 1963.

Class 1. No. 120660. Jay International Fabrication Works, C/o. Solar Electric & Trading Co., Salsette Track Road, Kalina Santa Cruz East, Bombay-55, State of Maharashtra, India, an Indian Partnership firm, "Weighing machine", December 30, 1963.

Class 1. No. 120677. Moradabad General Art Metal Mills, Indian Partnership concern, Bhatti Street, P.O. Moradabad, U.P., "Tray", January 2, 1964.

Class 1. No. 120679. Moradabad General Art Metal Mills, Indian Partnership concern, Bhatti Street, P.O. Moradabad, U.P., "Smoking apparatus", January 2, 1964.

Class 3. Nos. 120133 to 120136. Gemrich Industries, Rangoonwala Building, 91, Mohamedali Road, Bombay-3, (Maharashtra), Indian Partnership firm, "Sprayers", November 8, 1963.

Class 3. No. 120478. Surendra Nath Katariya, An Indian Citizen, 23, Maison Belvedere, Queens Road, Bombay-1, Maharashtra, India, "Tab indicators", December 13, 1963.

Class 4. No. 120765. P. Narayan Brothers, Indian Firm, Shop No. 3, New Cutlery Market, Bombay-2, (Maharashtra) "Nail polish bottle", January 9, 1964.

- Class 4. Nos. 120788 to 120790. Dharam Singh, Dharam Singh Building Material Stores, Opposite State Bank, Etawah U.P. (Indian Nationality) State, "Ventilator (decorative tablets)", January 21, 1964.
- Class 4. No. 121288. Mrs. Parkash Kaur, 28/2C, Benipukur Road, Calcutta, State of West Bengal, India, an Indian Subject, "Bottle", February 24, 1964.
- Class 5. No. 120286. Mohammad Anis, H. No. 80/92, Dondipur, Allahabad U.P., Indian National, "Label", November 26, 1963.
- Class 5. No. 120468. Suresh Chandra Gupta, an Indian Subject, 13, Gour Laha Street, Calcutta-6, West Bengal, "Carton", December 12, 1963.
- Class 5. No. 120581. Pfizer Private Ltd., (A Company incorporated under the Indian Companies Act) I.C.I.C.I. Building, 163, Back Bay Reclamation, Bombay-1, (Maharashtra), "Cartons", December 26, 1963.
- Class 5. No. 120772. M. L. Bhandari (An Indian subject), Shalimar Park, West Bhole Nath Nagar, Shahdru Delhi, "Wrapper", January 16, 1964.
- Class 9. No. 120796. Agrawal Trading Corporation, 191, Mahatma Gandhi Road, Calcutta-7, India, "Cotton lace knitted fabrics", January 21, 1964.
- Class 10. No. 119813. Bharatendu & Sons, 43-Indra Palace, Conn. Circus, New Delhi (India) (Indian Company), "Footwear (chappal)", October 8, 1963.
- Class 13. Nos. 120381 to 120430. The Indian United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piece goods", December 5, 1963.
- Class 13. No. 120687. Shree Ganesh Dyeing & Ptg. Works, Kalachowky Road, Bombay-33, Nationality: Indian business concern (Partnership concern), "Textile goods including silk and art silk piece goods", January 6, 1964.
- Class 13. Nos. 120705 to 120712. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, "Textile goods", January 7, 1964.
- Class 13. Nos. 120731 to 120734. The Asoka Mills Limited, P. B. No. 1050, Naroda Road, Ahmedabad-2, (Gujarat State), (Indian), "Cotton textile fabrics", January 7, 1964.
- Class 13. Nos. 120872 to 120876. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159 Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", January 24, 1964.
- Class 13. Nos. 120895 to 120909. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, "Textile goods", January 25, 1964.
- Class 13. Nos. 120938 to 120940. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", January 30, 1964.
- Class 13. Nos. 121077 and 121079 to 121090. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", February 10, 1964.
- Class 13. Nos. 121305 to 121315. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1. Indian Company, "Textile piecegoods", February 25, 1964.
- Class 13. Nos. 121550 to 121552. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", March 10, 1964.

#### Copyright Extended for a Second Period of Five Years

Design No. 99086, Class 1.

Design Nos. 102843 and 102845, Class 1.

#### Copyright Extended for a Thrid Period of Five Years

Design Nos. 78927 to 78929, Class 1.

Design Nos. 79086, 79087 and 79089 to 79092, Class 3.

Design No. 79088, Class 5.

**A. JOGARAO**

*Controller General of Patents,  
Designs and Trade Marks.*

